

26. A vacuum insulated article comprising a bag of flexible gas impermeable film, said bag having a portion sealed to form an integral tubular evacuation portion, a core of porous material within said bag, said bag forming an air-tight enclosure around said core, said bag and said core adapted to be evacuated with a tubular nozzle projecting into said tubular evacuation portion of said bag and connected to a vacuum pump, and said tubular evacuation portion of said bag being sealed after said core and said bag are evacuated to a predetermined vacuum level.

27. An article as defined in claim 26 and including a plurality of evacuation grooves within an outer surface of said core of porous material, and each said groove having a depth greater than its width.

28. An article as defined in claim 26 and including a layer of foam material on said bag to form a protective outer surface for the article.

29. An article as defined in claim 28 wherein said layer of foam material extends completely around said bag.

30. An article as defined in claim 26 wherein an end surface of said core defines a cavity in opposing relation to said tubular evacuation portion of said bag, and a porous spacer member is retained within said cavity for preventing contact of the tubular nozzle with said core.

31. An article as defined in claim 26 and including a resilient O-ring adapted to surround and contract the tubular nozzle for engaging the surrounding said tubular evacuation portion of said bag to form a fluid-tight releasable coupling.

32. A vacuum insulated article comprising a core box of porous material and defining an open end chamber, a partially sealed bag of flexible gas impermeable film, said core box positioned within said bag, said bag and said core box being evacuated to a predetermined vacuum level causing said bag to enclose said core box tightly with said bag lining said chamber, and said bag being sealed after said core box and said bag are evacuated.

33. An article as defined in claim 32 and including a plurality of evacuation grooves within an outer surface of said core box and with each said groove having a depth greater than its width.

34. An article as defined in claim 32 wherein said bag is positioned with a closed end portion overlying said open end chamber and with sufficient length to line said chamber.

35. An article as defined in claim 32 wherein said bag has a length generally twice the corresponding length of said core box.

36. A vacuum insulated article comprising a core box of porous material and defining an open end chamber, a bag of flexible gas impermeable film and having a closed end portion, an evacuation tube connected to said bag, said core box positioned within said bag with said bag sealed to form an air-tight enclosure around said core box, said bag and the core box adapted to be evacuated with a tubular nozzle projecting into said evacuation tube and connected to a vacuum pump for sucking said closed end portion of said bag into said open end chamber, and said evacuation tube being sealed after said core box and said bag are evacuated to a predetermined vacuum level.

37. An article as defined in claim 36 and including a plurality of evacuation grooves within an outer surface of said core box and with each said groove having a depth greater than its width.

38. An article as defined in claim 36 wherein said bag is positioned with a closed end portion overlying said open end chamber and with sufficient length to line said chamber.

39. An article as defined in claim 36 wherein said bag has a length generally twice the corresponding length of said core box.